

UNIVAC®



TYPE NUMBER 3536 UNISCOPE 100 DISPLAY TERMINAL

The UNISCOPE™ 100 is a low cost, self-contained alphanumeric display terminal. It's a business tool that puts all the power and speed of a computer at your fingertips, on site or at a remote station. It's fast, accurate, and boasts many features usually found only in more expensive cathode-ray tube units. Anyone who types can quickly learn to operate the UNISCOPE 100 display terminal. The keyboard has been designed for ease of operation and resembles a standard electric typewriter. In

fact, speeds in excess of 80 words a minute can be achieved on a UNISCOPE 100 by an experienced typist after little training. The 10" x 5" screen is flicker-free, and can display up to 1,024 sharp, clear characters. Through the use of easy to operate keys, the operator can roll-and-scroll information. Or split the screen with roll and scroll on either side. The UNIVAC communication output printer provides optional hard copy output of display data on up to 6-part forms. It offers printing at 30 cps on forms up to

132 columns in width. Flexibility, along with a computer core memory, makes the UNISCOPE 100 the perfect method for information retrieval applications. It presents you with data in real time. Information that is updated instantly. The UNISCOPE 100 display terminal is the answer to today's business information needs. Try it. You'll operate more effectively . . . more efficiently . . . and more profitably.

 SPERRY RAND



UNISCOPE 100 DISPLAY TERMINAL

COLORS

Standard Colors

Frame off white
Accent red ochre

Customer Color Selection

End panels dark green
slate gray
twilight blue
earth brown
grayish blue

Definition of these colors is given in the "color selection guide packet".

FUNCTIONAL CHARACTERISTICS UNISCOPE 100 DISPLAY

Viewing Area—5" Vertical x 10"
Horizontal

Screen Capacity—480, 512, 960,
1024 Characters

Presentation Format

16 Lines x 32 Characters
16 Lines x 64 Characters
6 Lines x 80 Characters
12 Lines x 80 Characters

Character Size

32 or 64 Characters per Line;
0.150" high by 0.113" wide
80 Characters per Line;
0.135" high by 0.091" wide

Refresh Rate—60 cycles per
second

Scan Method

Character Generation—Closed
Stroke; maximum 8 per character

Character Set—64 or 96 Symbols
(USASCII)

Memory—Magnetic Core

Code—8 bit (ANSCII)

Keyboards.

Typewriter
Numeric
Typewriter/Numeric
(All Keyboards include 8
Cursor control keys and
5 editing keys)
Cursor Control Functions
Scan Forward; Scan Backward;
Scan Up; Scan Down; Cursor
to Home; Return; Space; Tab

Editing Functions

Character Erase; Erase to End of
Line; Erase to End of Display;
Insert; Delete

Interface Selections

RS232C Synchronous
RS232C Asynchronous
MIL 188B Asynchronous
MIL 188B Synchronous with clock
CCITT Interface
IBM Compatible Synchronous
IBM Compatible Asynchronous
Direct Interface
Multiplexer Interfaces
Auxiliary Interface
(hard copy output)

Hard Copy Output

Communications output printer
provides optional hard copy at
30 cps on up to 132 columns on
original and 5 carbons

Special Features

Format Protect
Function Keys—four

FUNCTIONAL CHARACTERISTICS TERMINAL MULTIPLEXER

Controls up to 16 UNISCOPE
100 Displays

Polling

Recognizes both specific polls
for a single display and general
polls for all displays

Interface Selections

Communication interfaces are
the same as those offered for
the UNISCOPE 100 Display ex-
cluding the Multiplexer interface

PHYSICAL CHARACTERISTICS UNISCOPE 100 DISPLAY

Width: 18 inches
Height: 12 inches
Depth: 27 inches
Weight: 80 pounds (Approximately)

PHYSICAL CHARACTERISTICS TERMINAL MULTIPLEXER

Width: 17 inches
Height: 11 inches
Depth: 6 inches
Weight: 30 pounds (Approximately)

POWER REQUIREMENTS UNISCOPE 100 DISPLAY AND TERMINAL MULTIPLEXER

Nominal Voltage: 120 Volts

Nominal Frequency: 60 Hz
50 Hz models available

Nominal Load: 100 Watts

Frequency Tolerance: ± 0.5 Hz

Phase and Lines: Single Phase,
3 wire

Above information provided for
reference purposes.

Consult Univac representatives
for details.